

FIG.1A

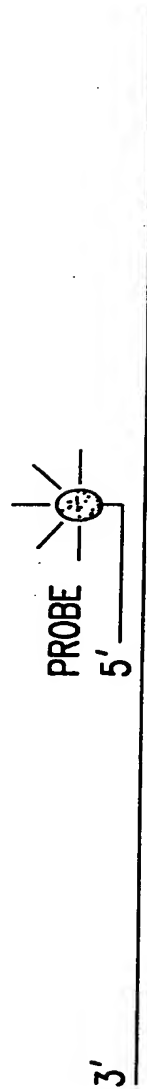


FIG.1B

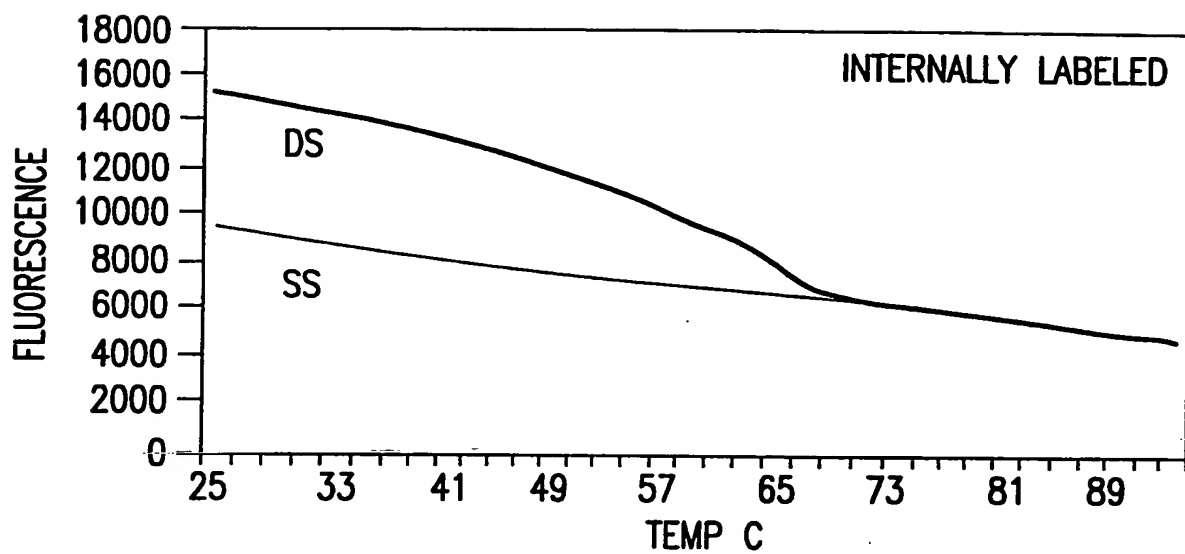


FIG.2A

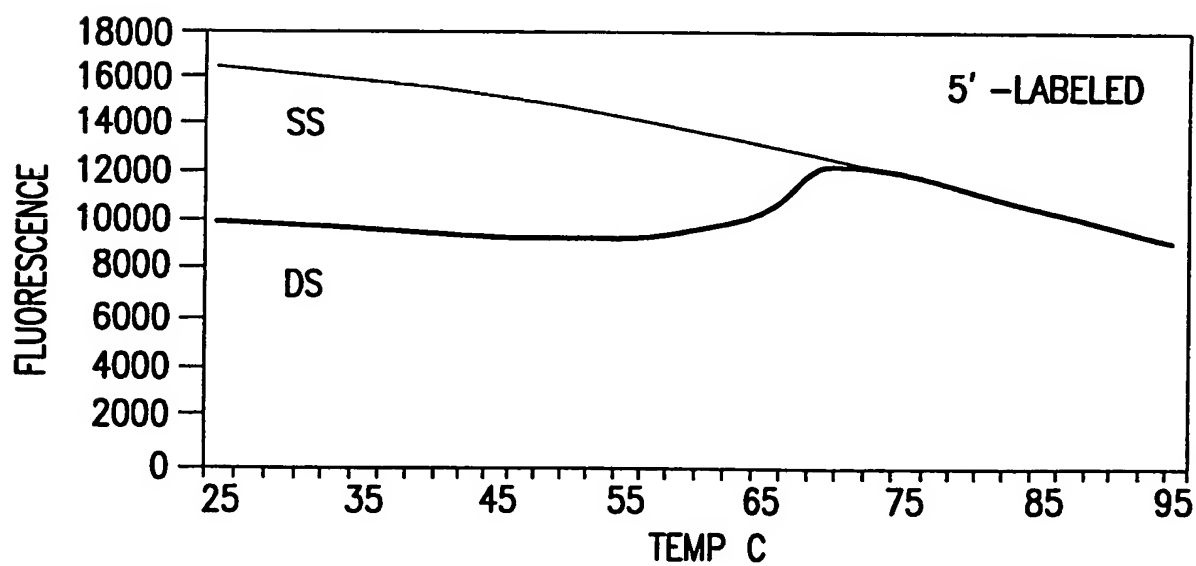


FIG.2B

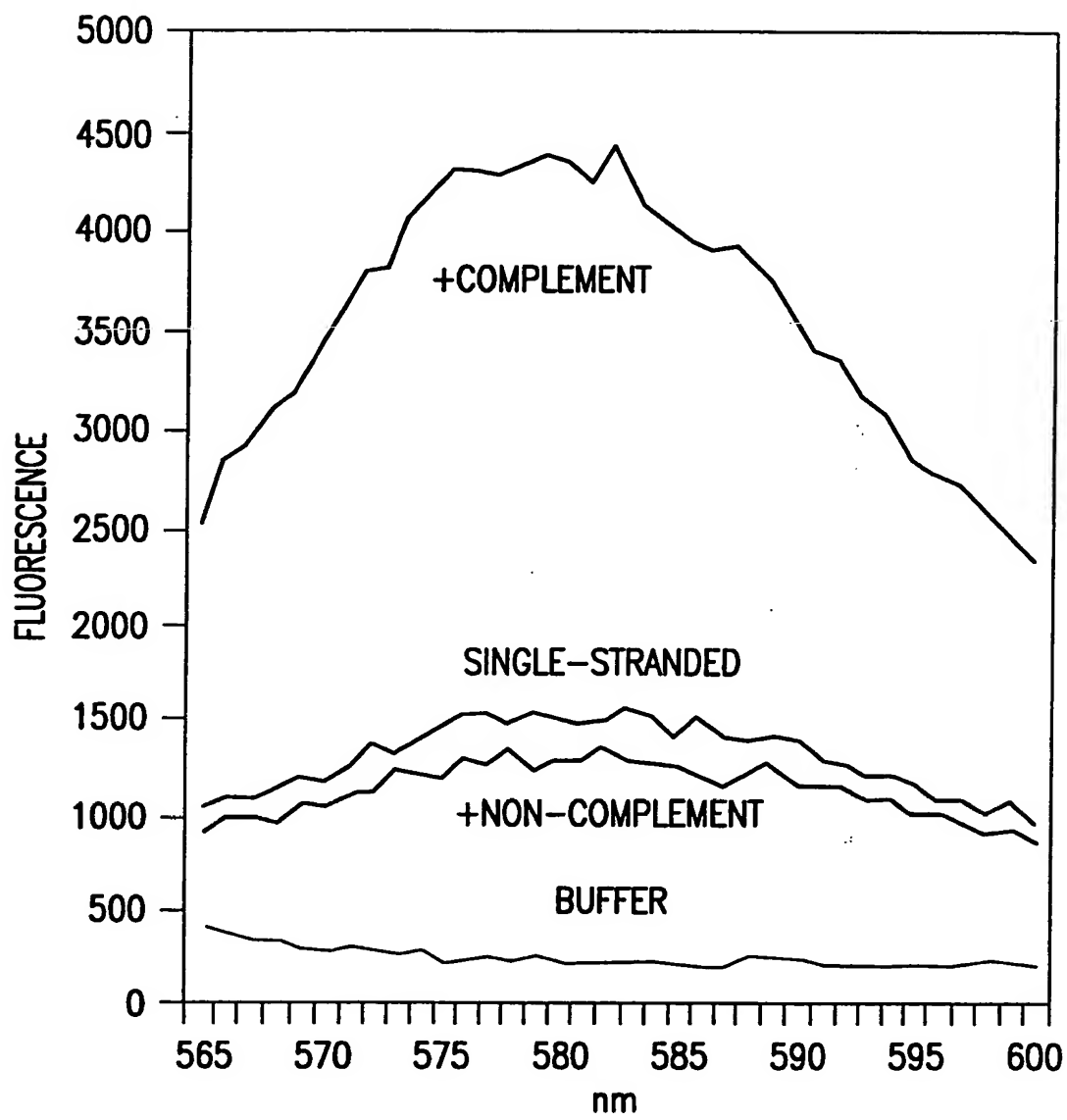


FIG.3

Downloaded from www.sciencedirect.com

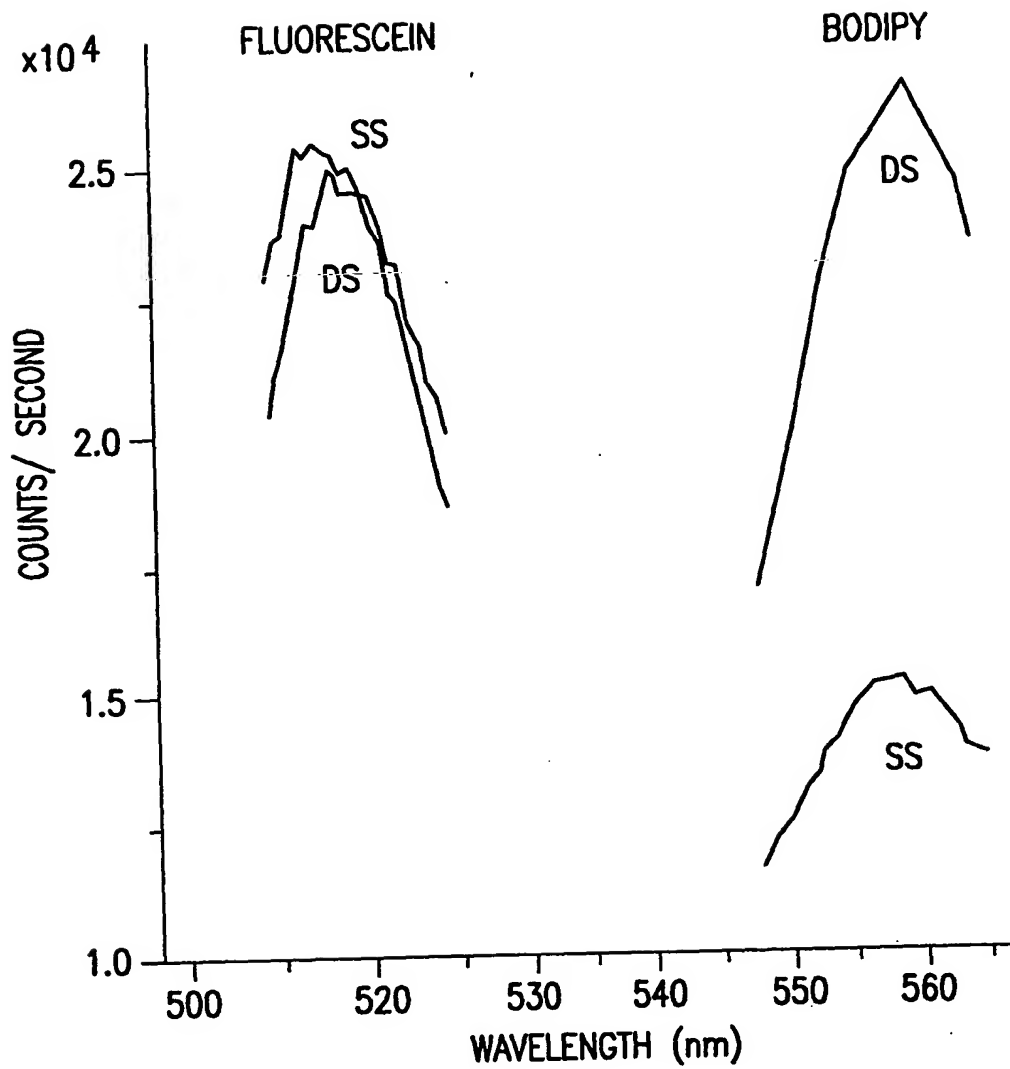
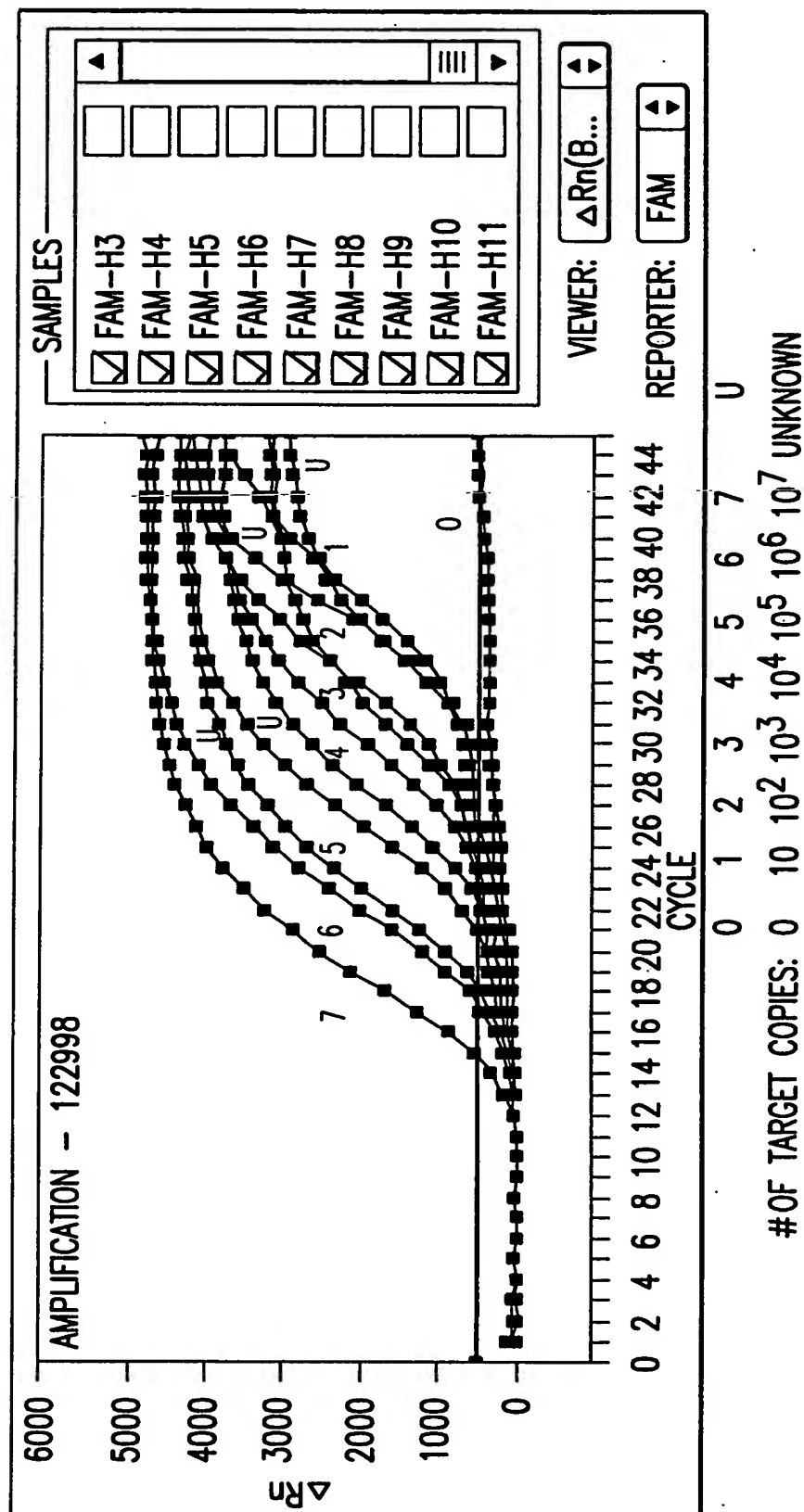


FIG.4



THRESHOLD CYCLE CALCULATION

THRESHOLD

USE THRESHOLD: 505.0

SUGGEST

MULT. * STDDEV: 10.0

*

14.012

OMIT THRESHOLD: 2.0

BASELINE

START: 4

STOP: 12

UPDATE CALCULATIONS

	CT	STD DEV	
FAM-G1	45.000	13.424	▲
FAM-H1	30.459	23.908	≡
FAM-H2	26.266	18.654	
FAM-H3	22.661	14.066	
FAM-H4	18.267	18.699	▼

FIG.5B

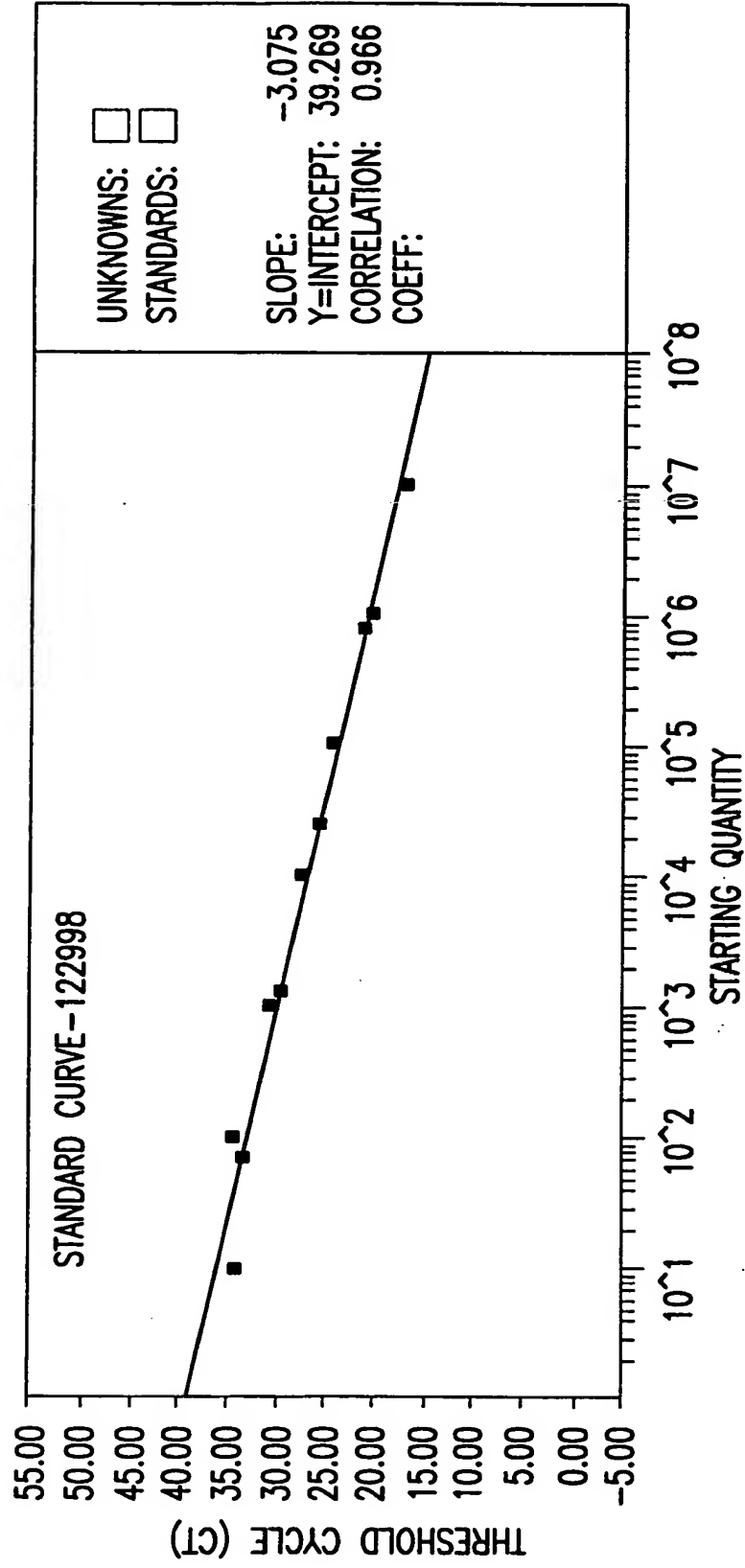


FIG.5C

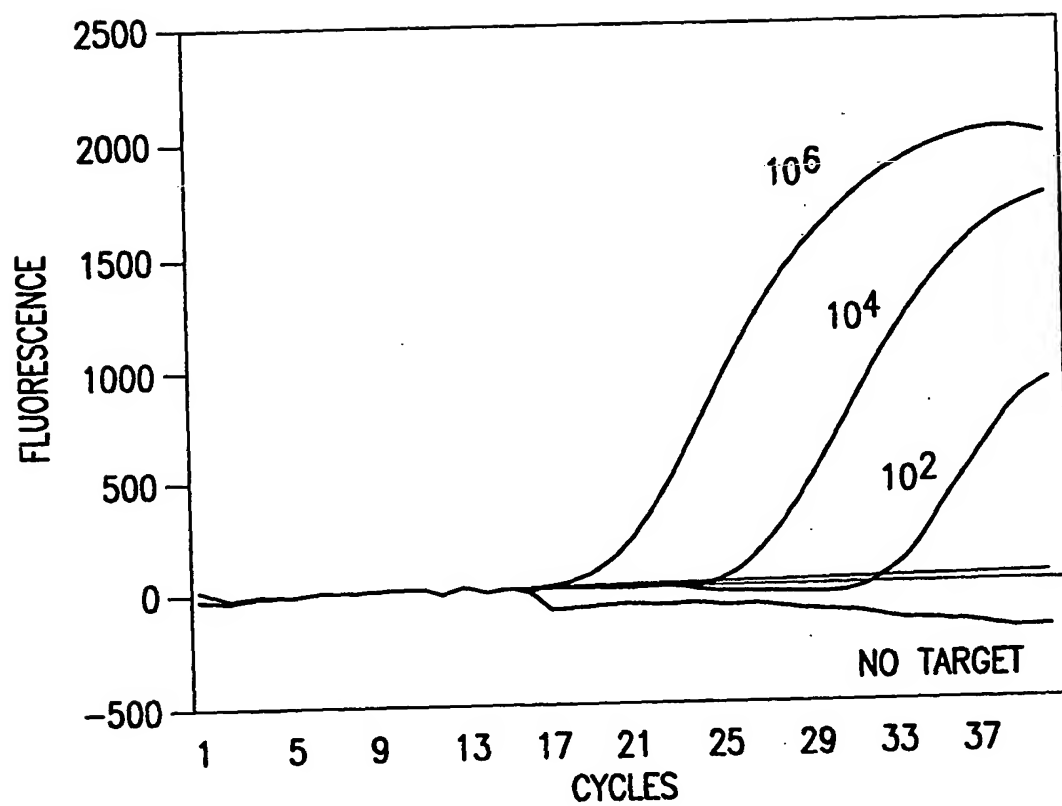


FIG.6

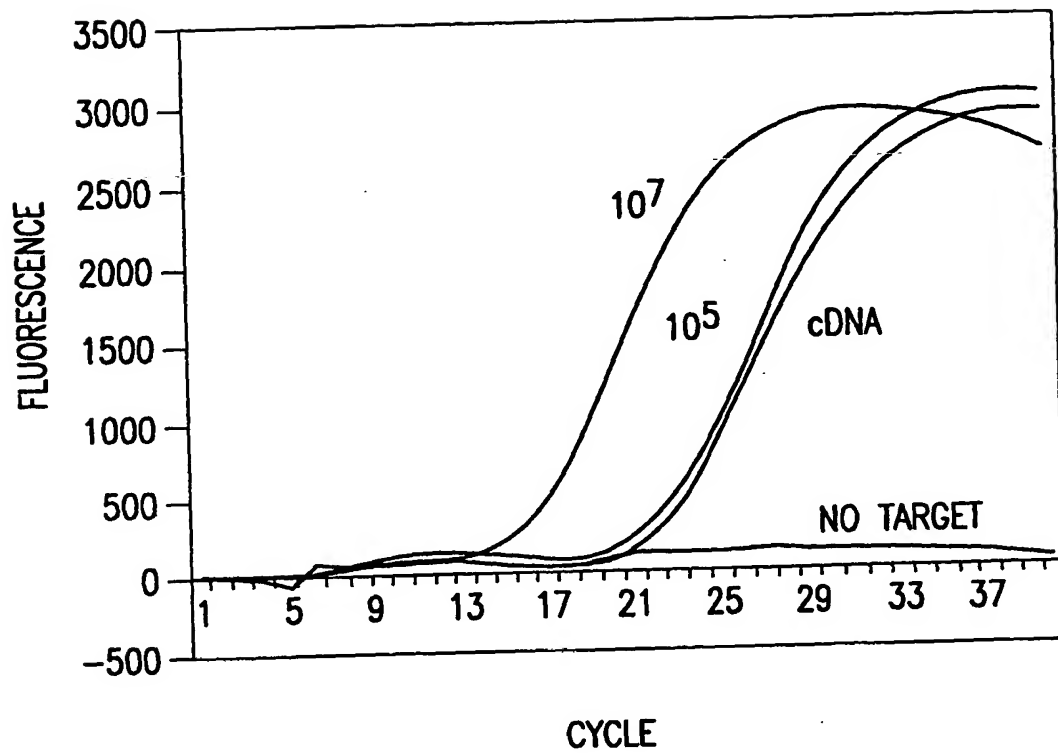


FIG.7

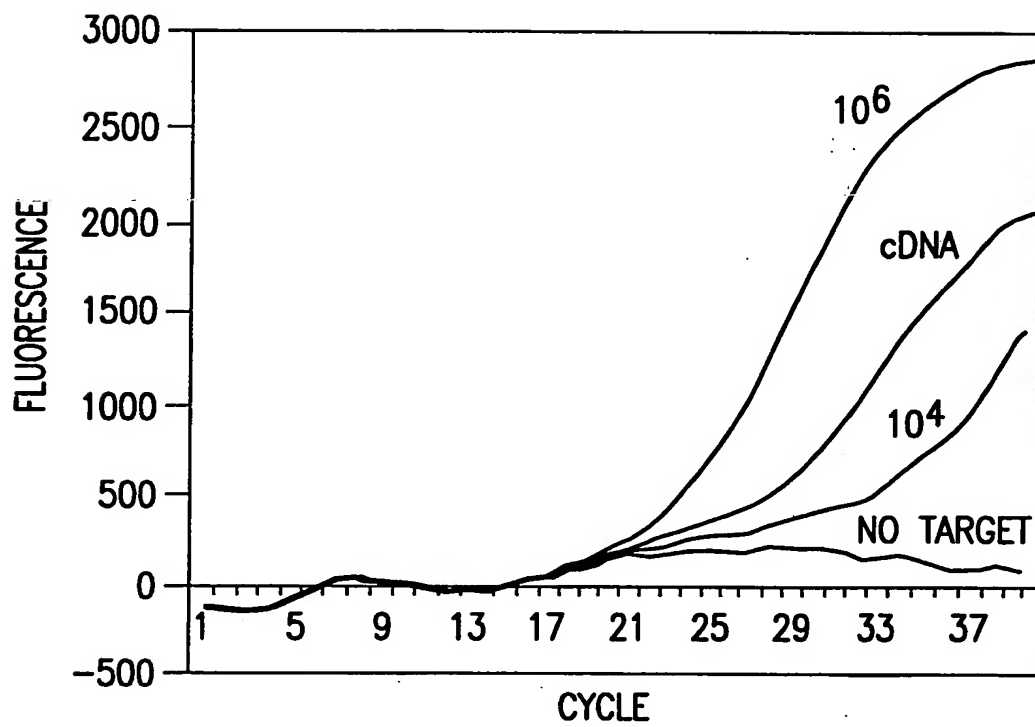
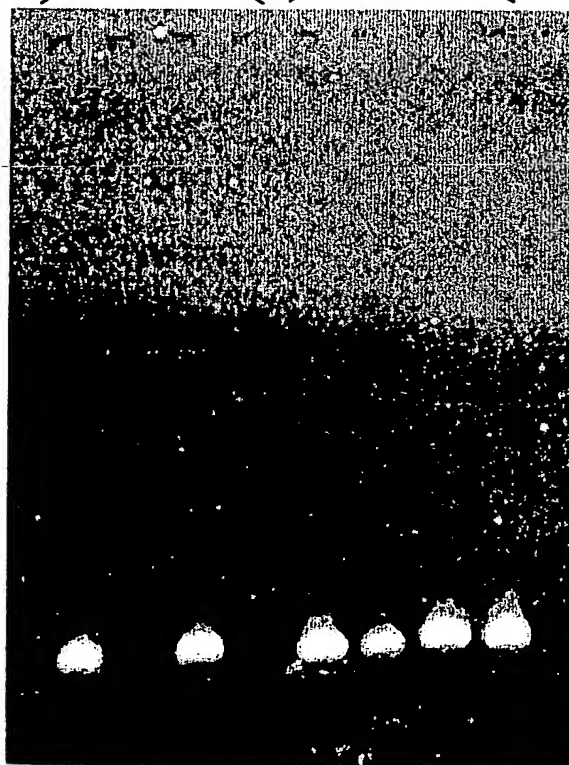


FIG.8

modified unmodified



1 2 3 4 5 6 7 8

FIG.10

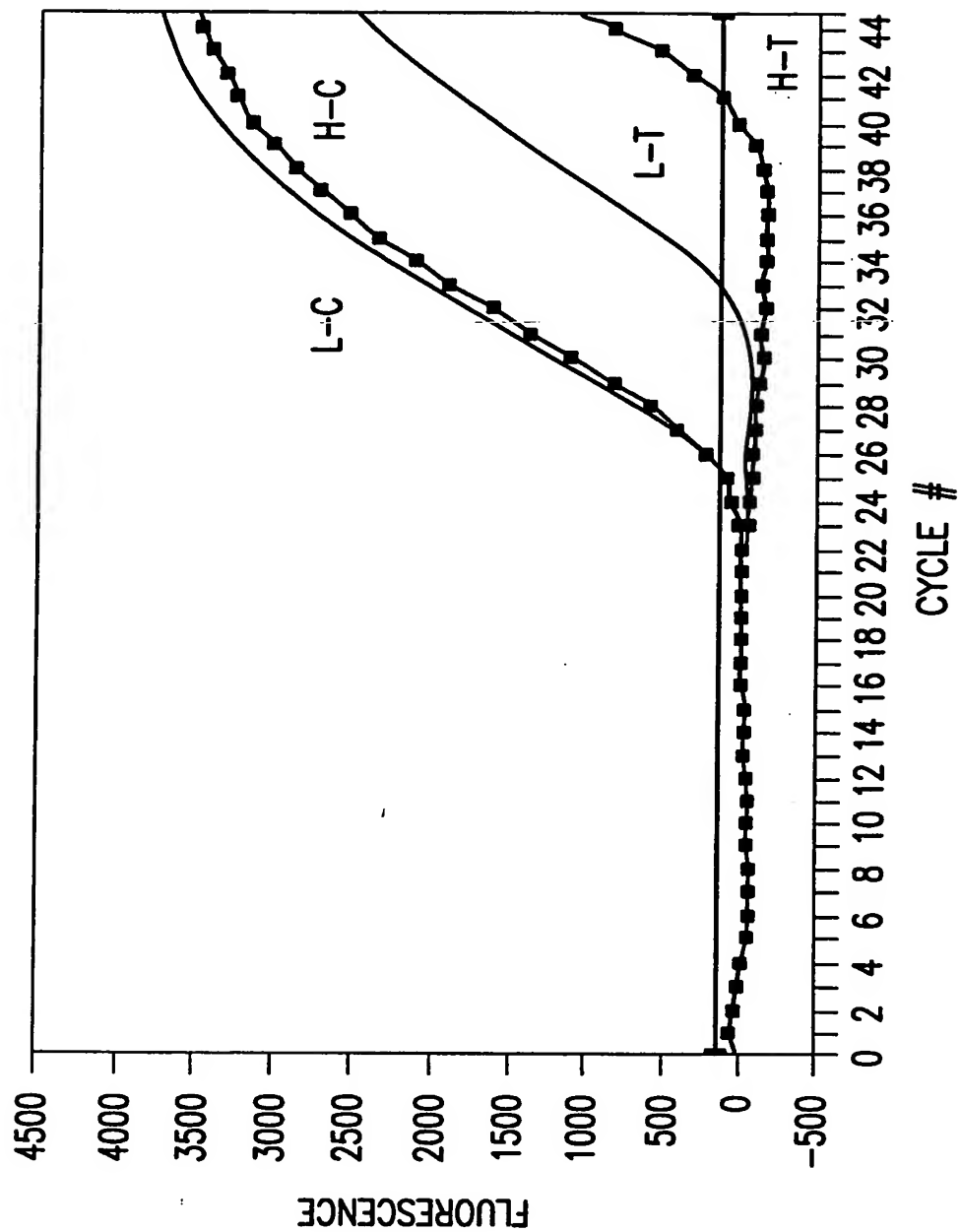


FIG.11

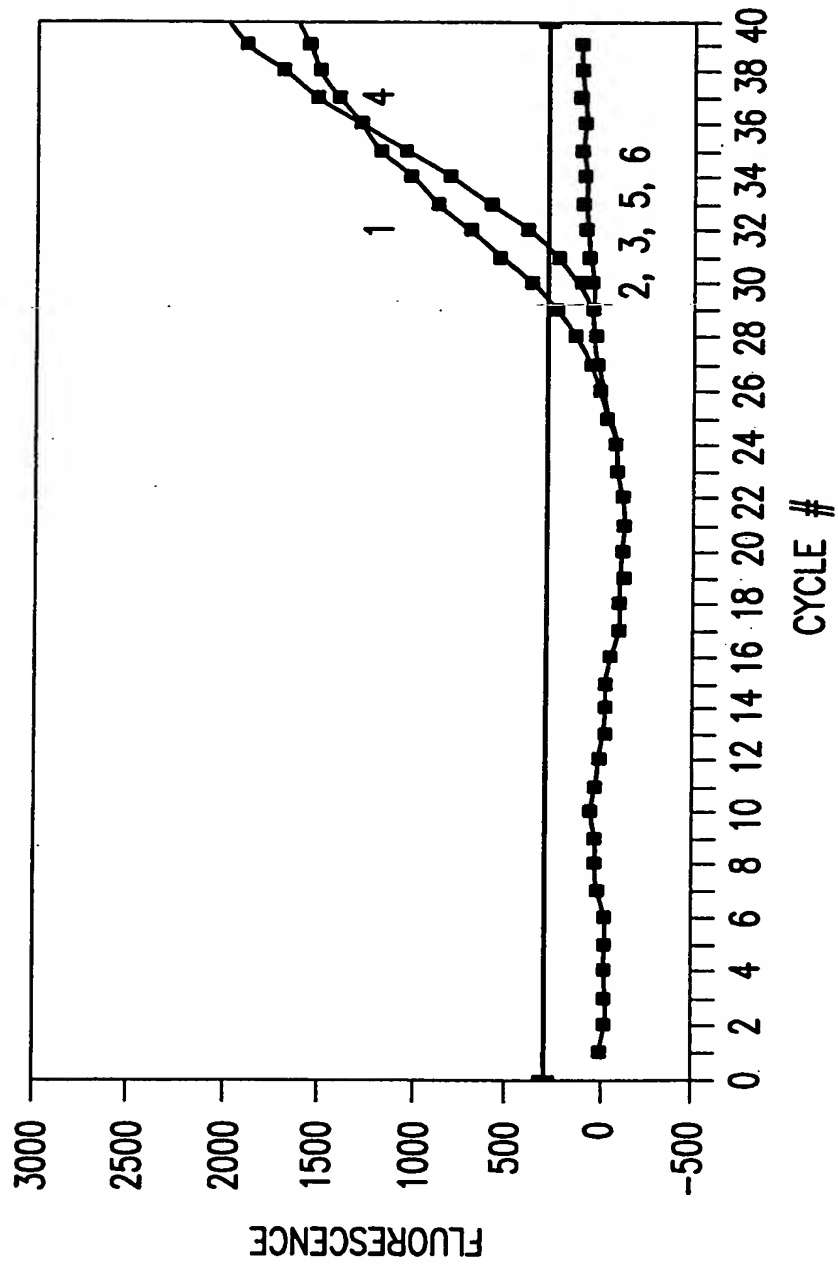


FIG.12

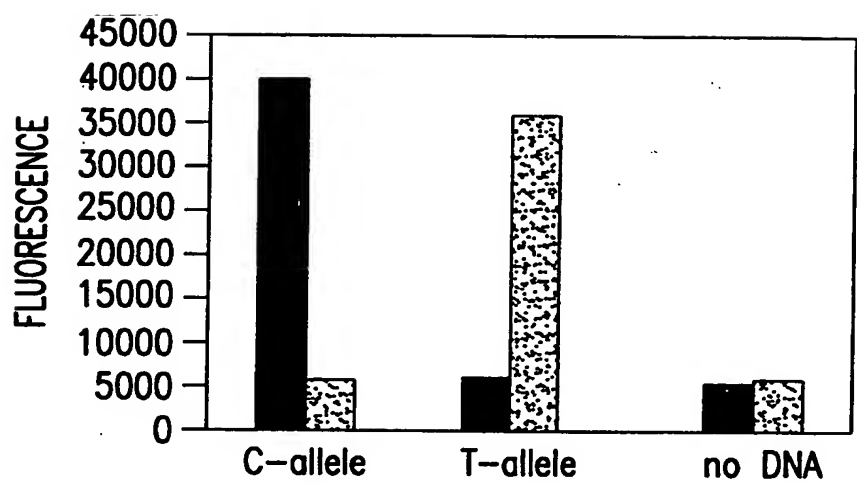
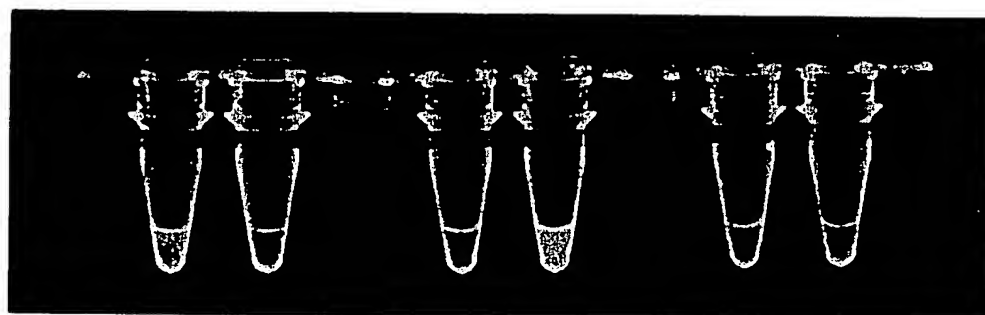


FIG.13A



1 2

3 4

5 6



C-primer



T-primer

FIG.13B

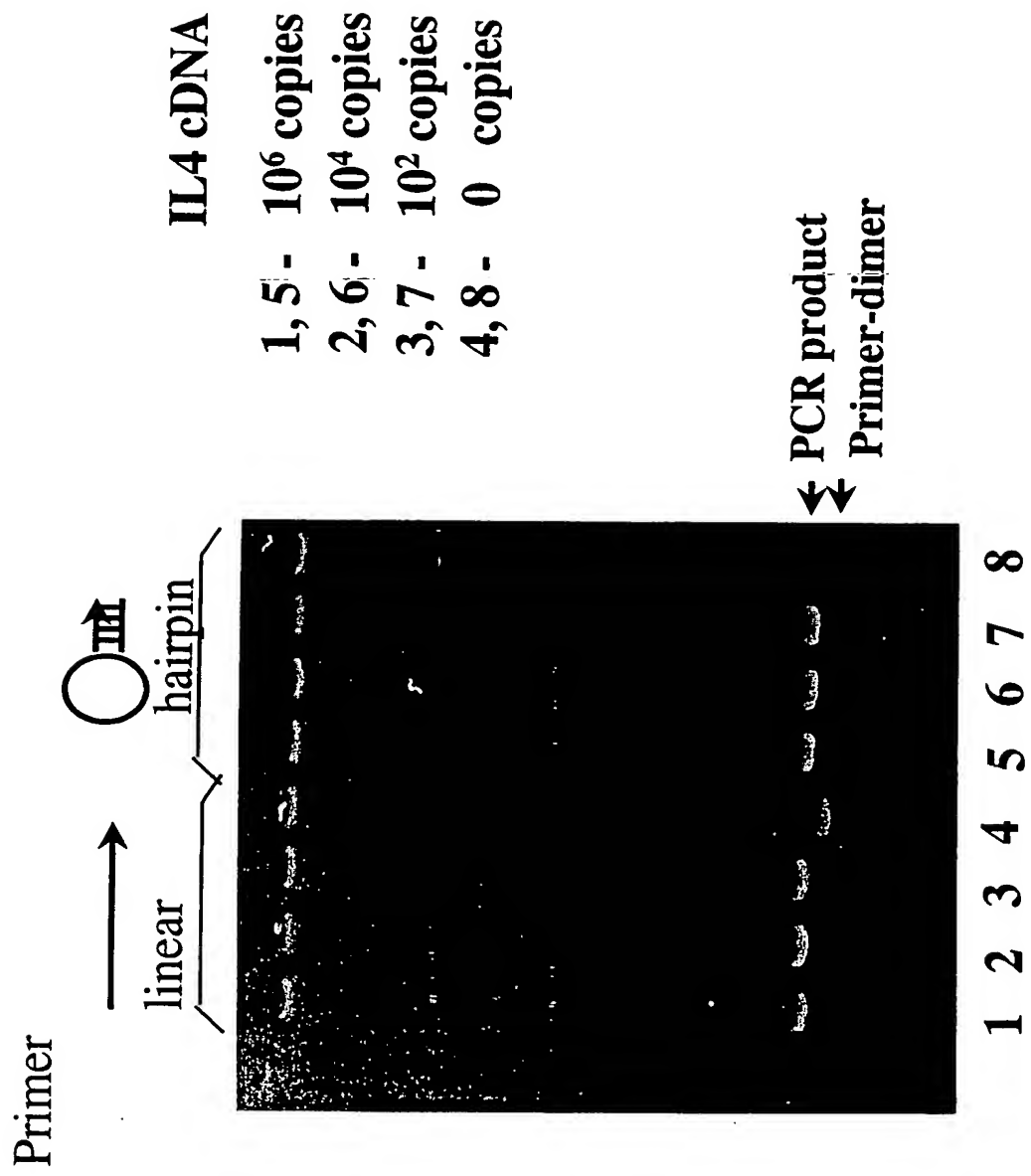


FIG.14

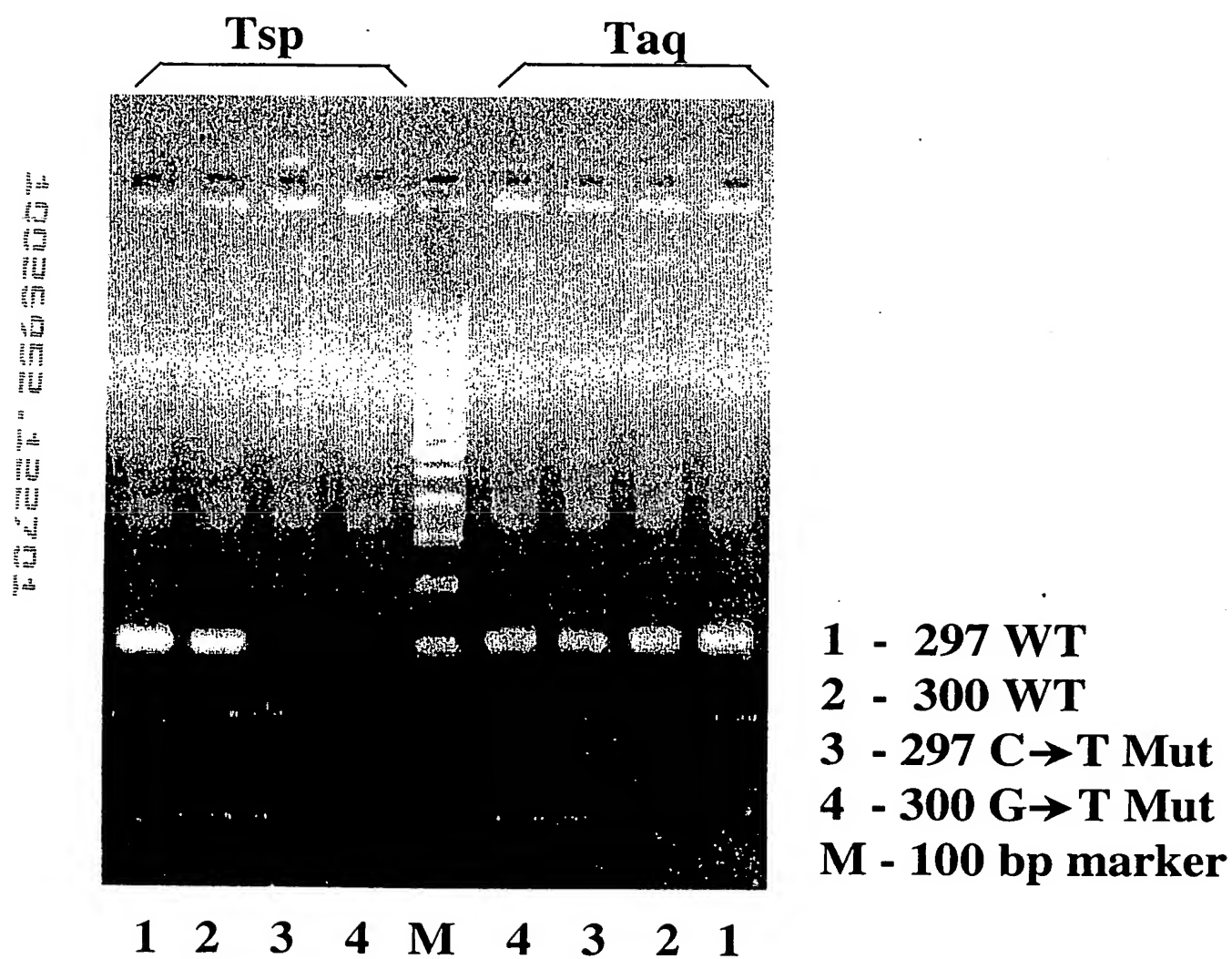
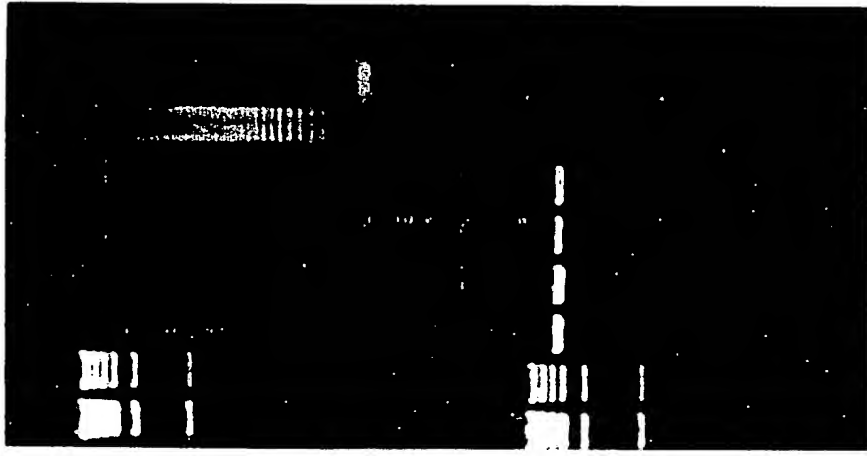


FIG.15

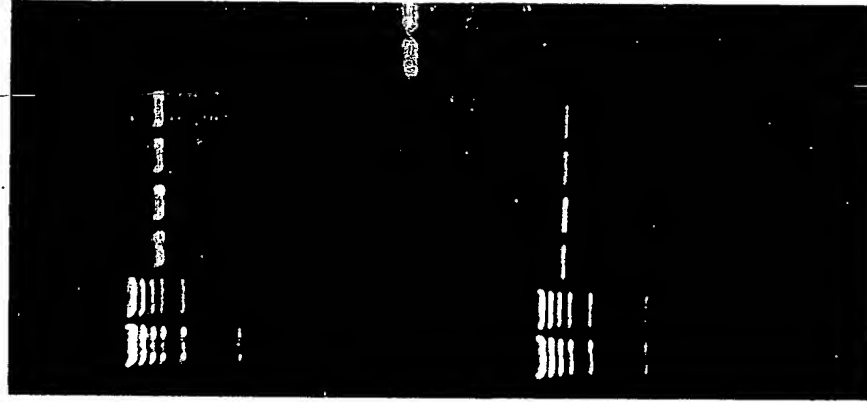
Agarose gel electrophoresis of PCR products. Lane 1: DNA ladder (1 kb marker). Lane 2: 50 ng DNA. Lane 3: 20 ng DNA. Lane 4: 10 ng DNA. Lane 5: 5 ng DNA. Lane 6: No DNA.

MM 1 2 3 4 5 6



Linear
Primers

MM 1 2 3 4 5 6



Hairpin
Primers

M-1 kb marker
1, 2 - 50 ng DNA
3, 4 - 20 ng DNA
5, 6 - no DNA

FIG. 16A

FIG. 16B

A					B				
	+	-	+	-		+	-	+	-
M	1	2	3	4		5	6	7	8

FIG.17 (A and B)

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HEADQUARTERS, ARMY
WASHINGTON, D.C. 20315-6000

FIG. 18A

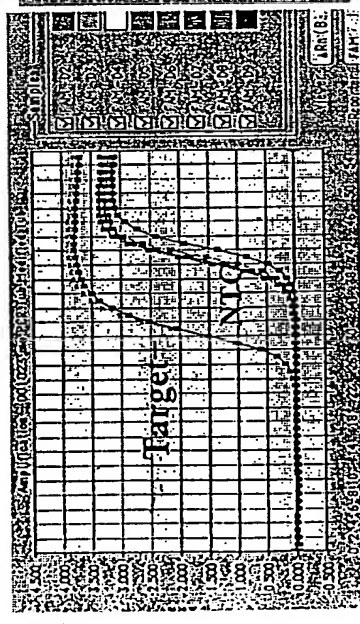


FIG. 18B

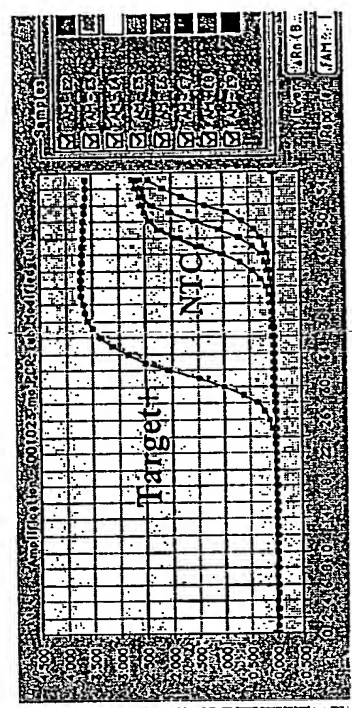


FIG. 18C

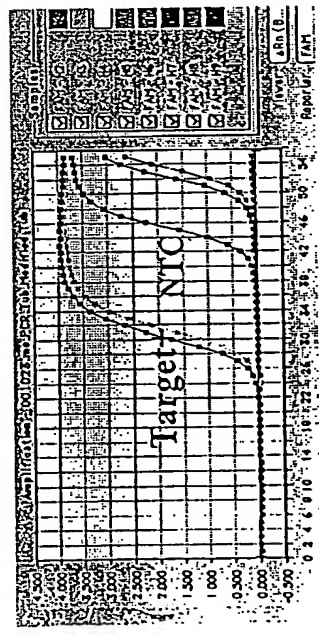


FIG. 18D

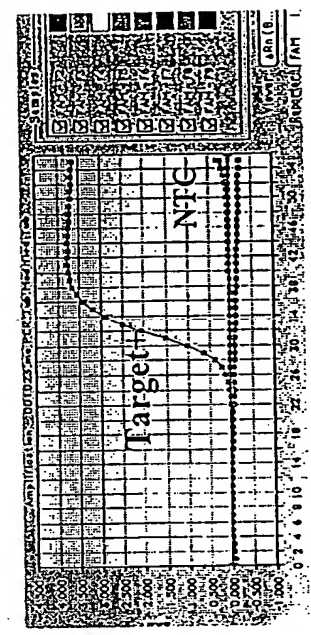


FIG. 19A

FIG. 19A

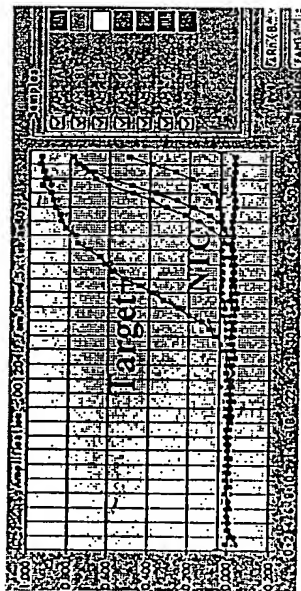


FIG. 19B

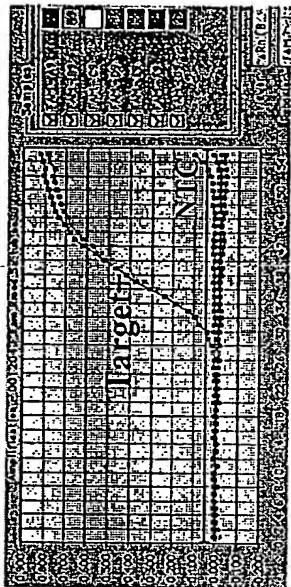


FIG. 19C

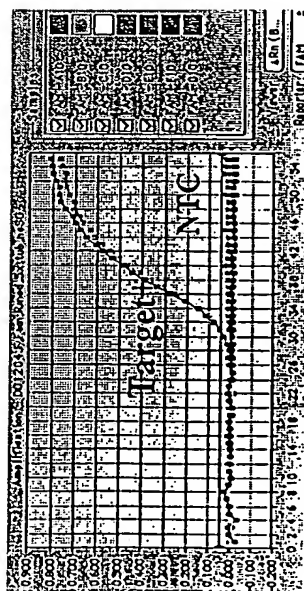


FIG. 19D

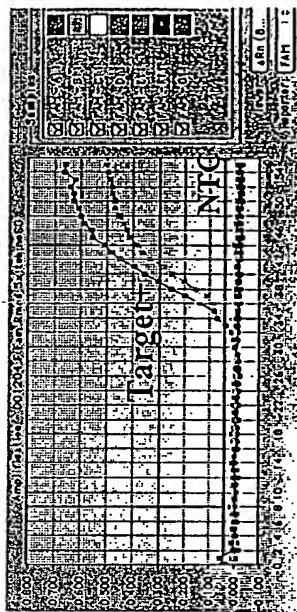


FIG. 20A

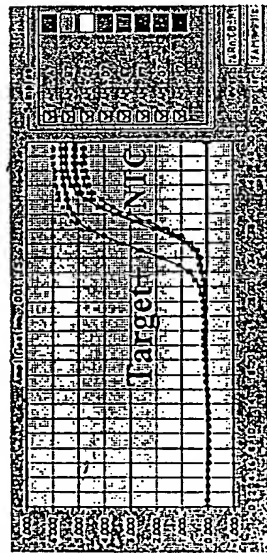


FIG. 20C

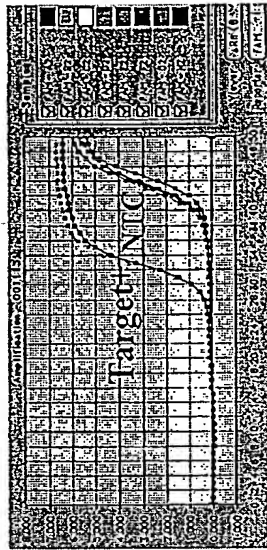


FIG. 20B

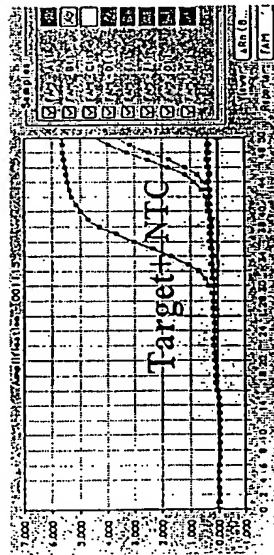
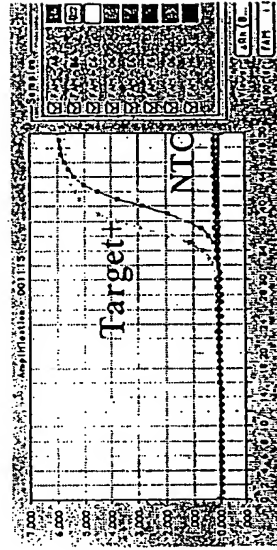


FIG. 20D



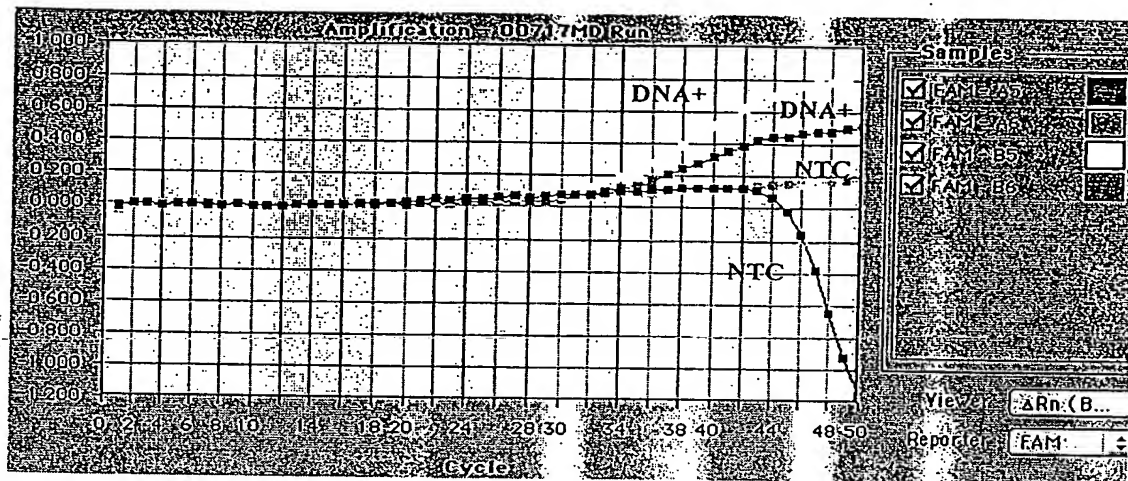
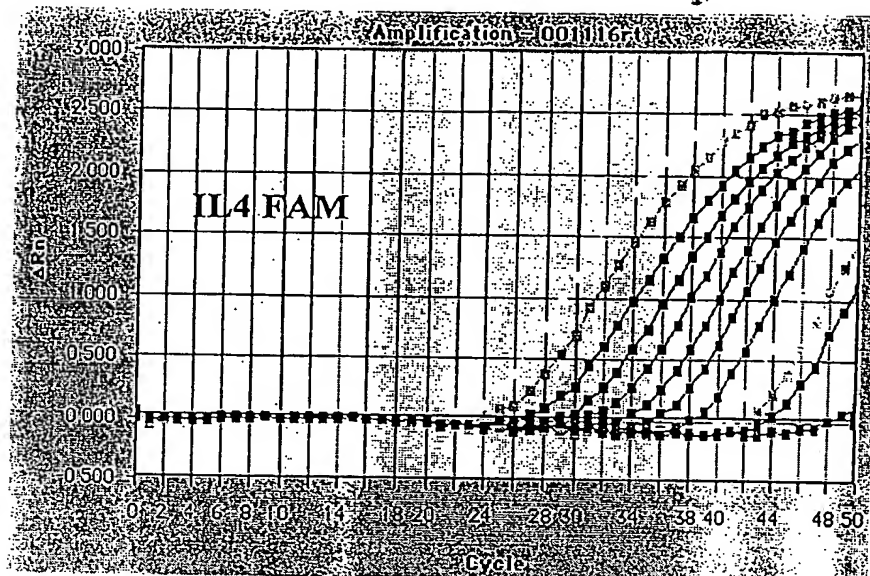


Figure 21

FIG. 22A



IL4copy

#

3.0×10^5

9.2×10^4

2.8×10^4

8.4×10^3

2.6×10^3

7.7×10^2

2.2×10^2

6.5×10

2.0

b-actin

10^6 copies

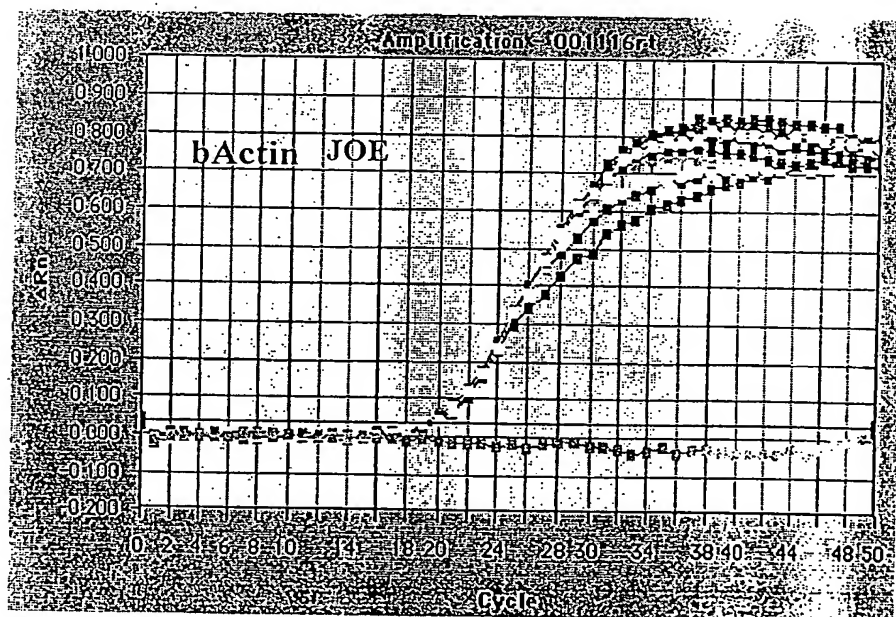


FIG. 22B

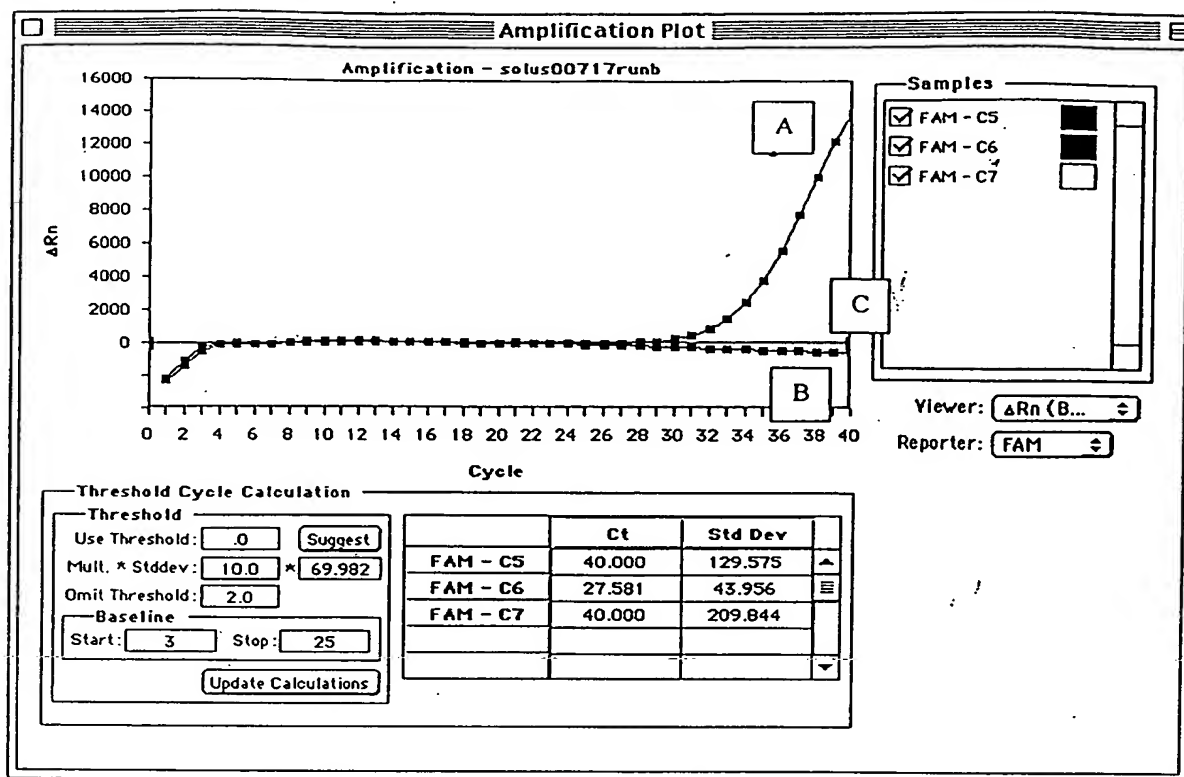


Figure 23

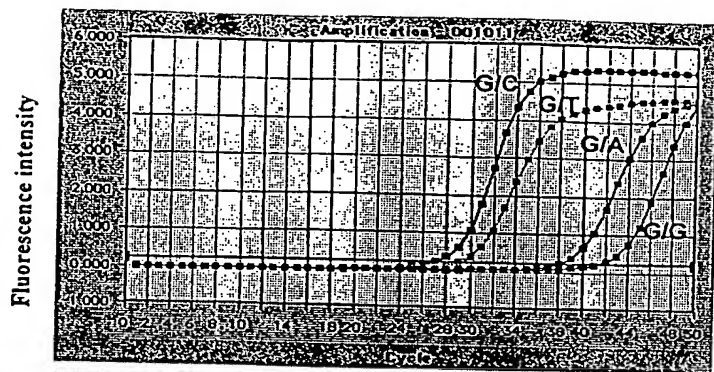


FIG. 24 A

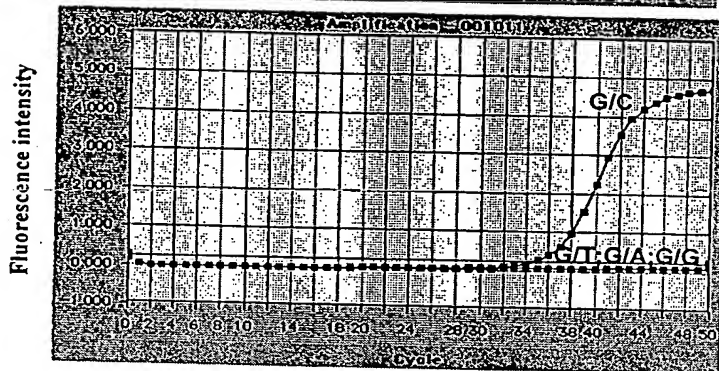
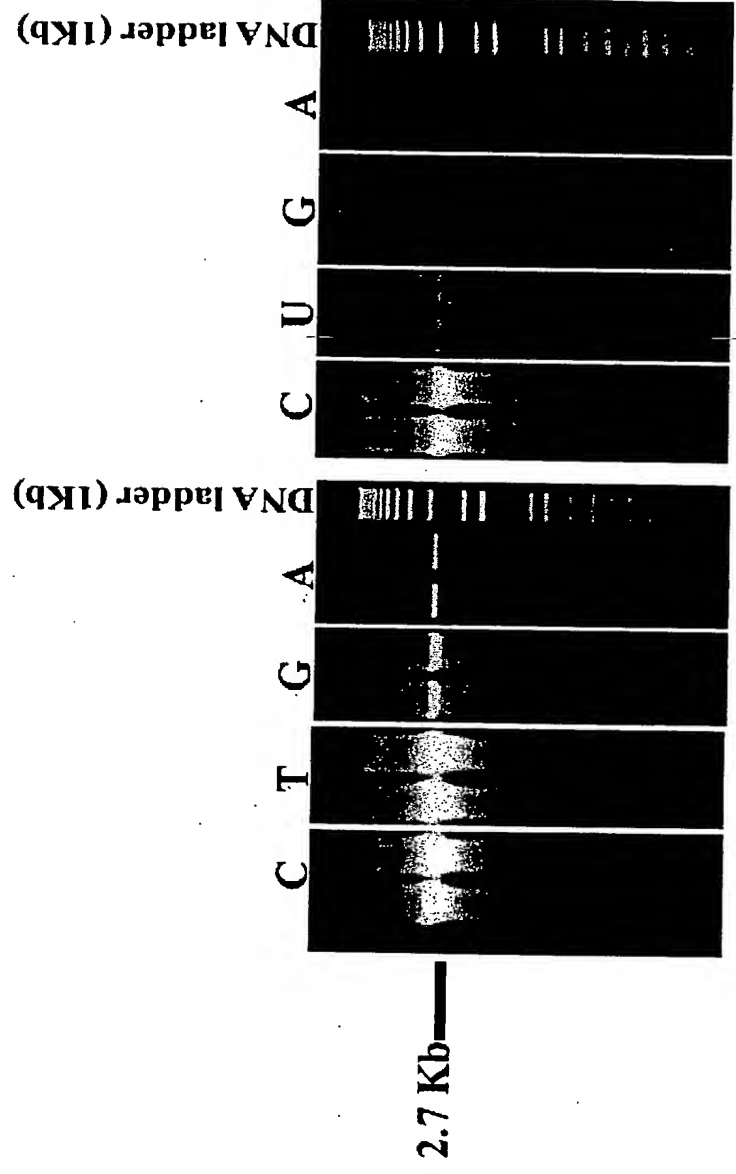
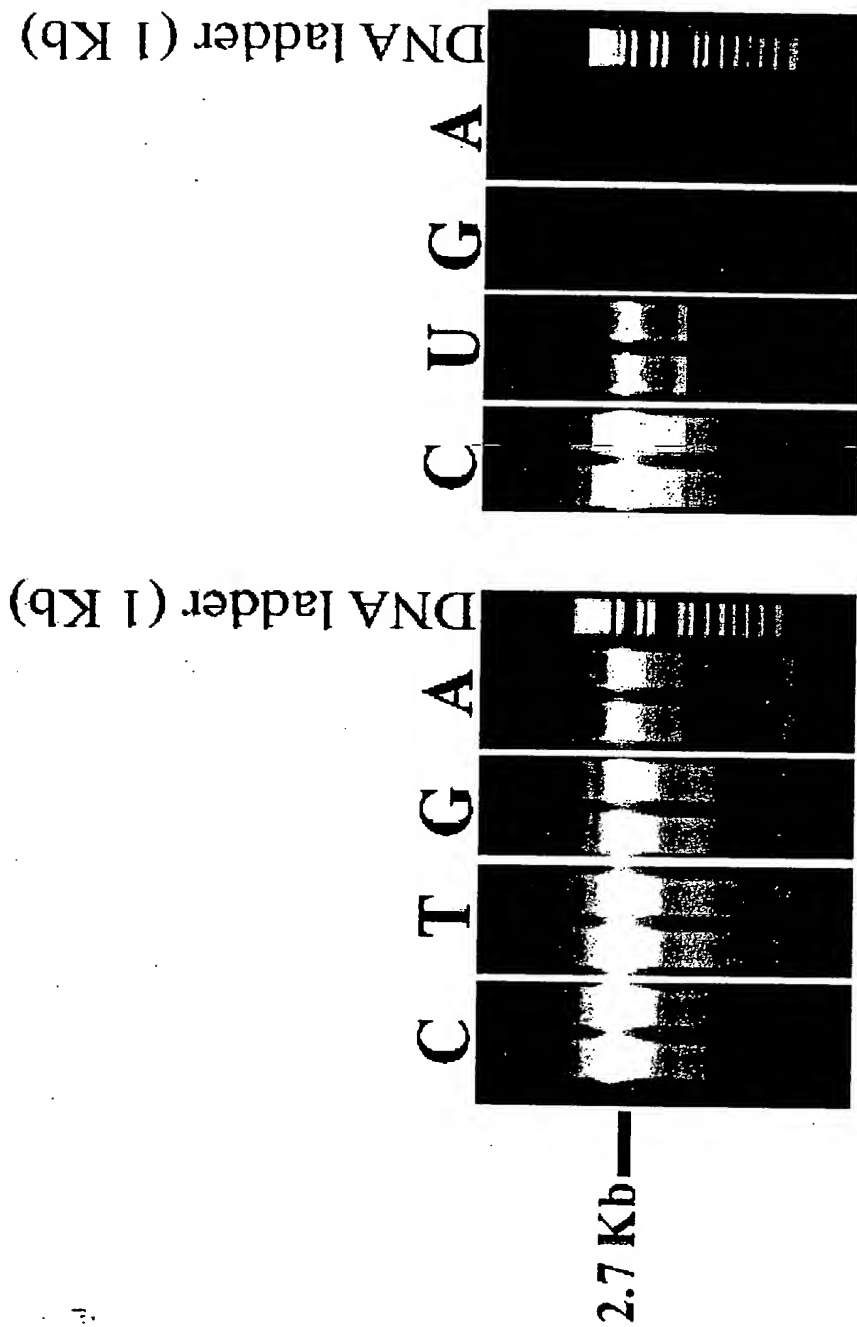


FIG. 24 B

1000 500 250 100 50 20 10 5 3 2 1





[illegible]

F16.28

III

$$\frac{a}{b} \div \frac{c}{d} = \frac{a}{b} \cdot \frac{d}{c} = \frac{ad}{bc}$$

A

I

1 10 1 10 1 10

1 10 1 10 1 10

I

Effect of

III

Fig 31

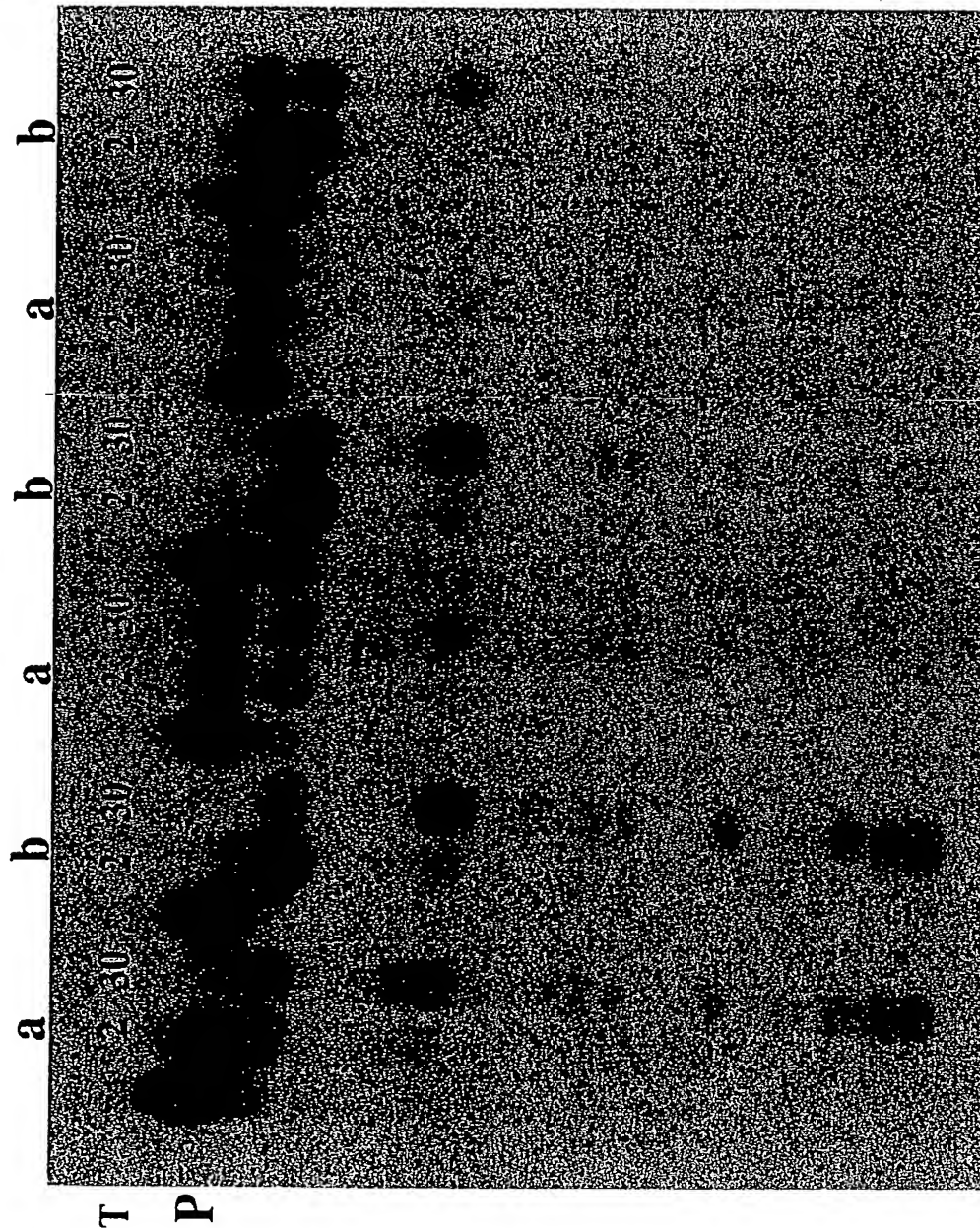


TABLE 1. The results of the experiment.

I II III

	a	b	a	b	a	b
T	2.30	2.30	2.30	2.30	2.30	2.30
P	2.30	2.30	2.30	2.30	2.30	2.30

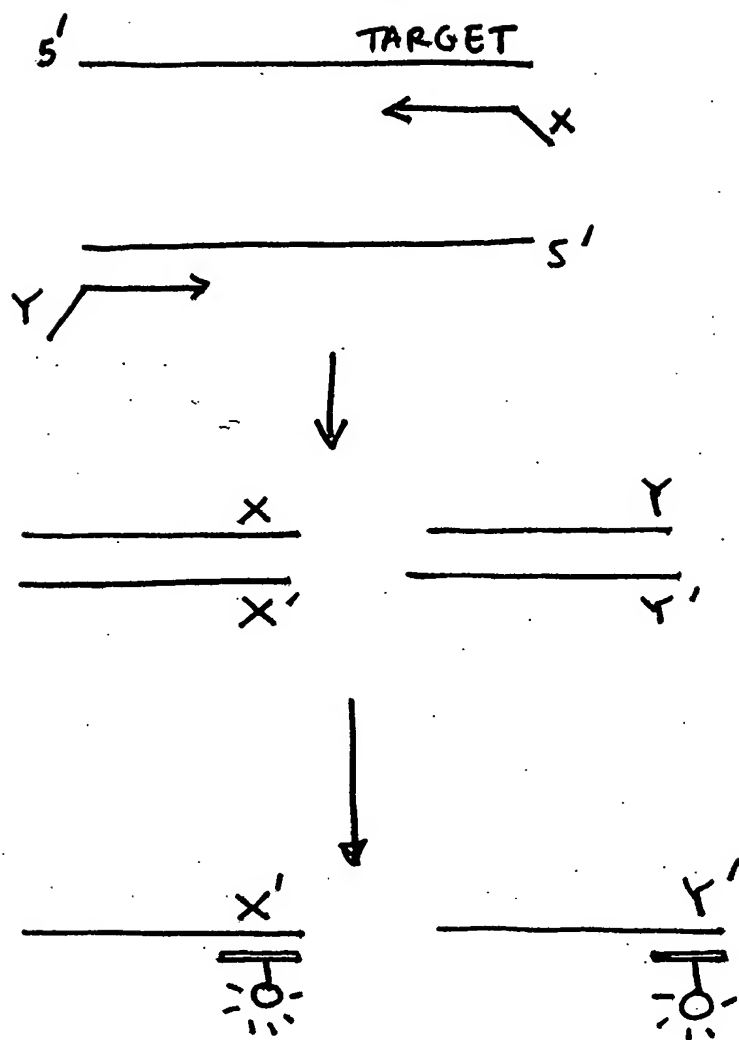


FIG. 33

5'-AA 5'-TT 5'-CC 5'-GG

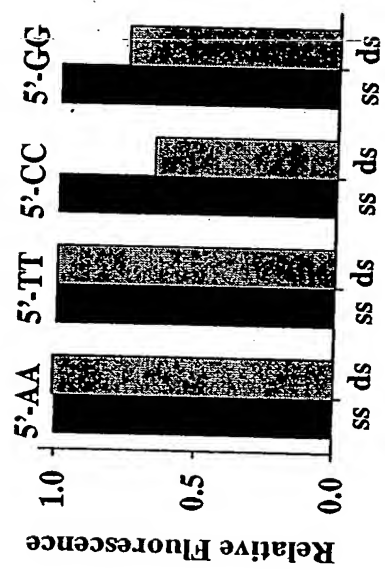


Fig. 34

ctaccgagaacaagagccatc
 5' GATGGCTCTTGTCTCGGTAG 3'

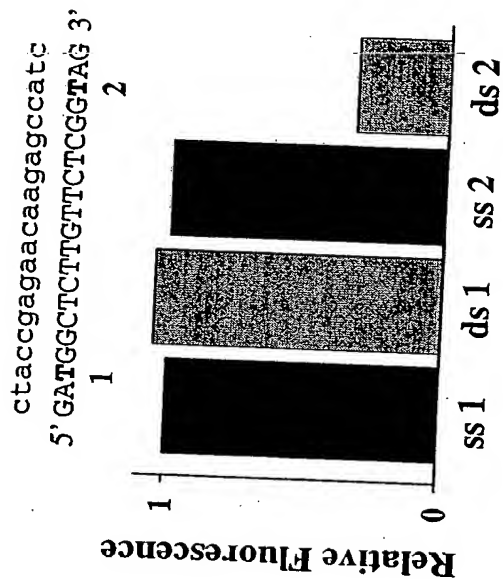


FIG. 35

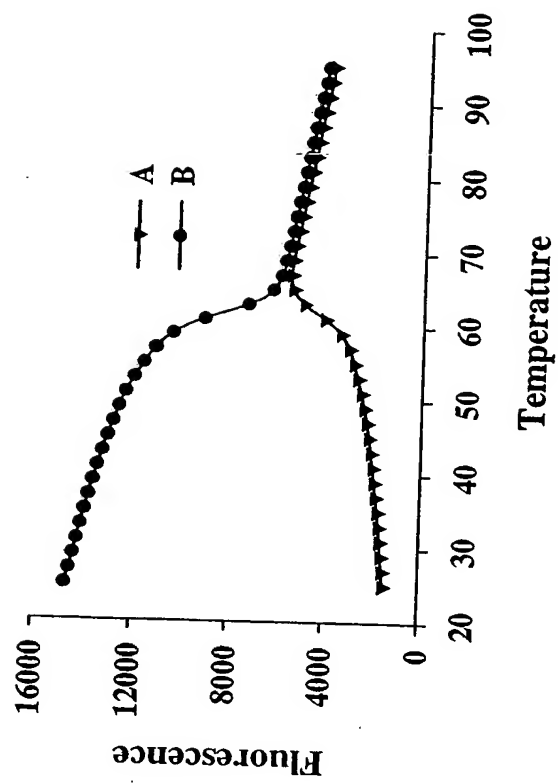


FIG. 36

ggaagagtaccaccgacatcttg
 5' CCTTCTCATGGGTGGCTGTAGAAC 3'

ggaagagtaccaccgacatcttg
 5' CCTTCTCATGGGTGGCTGTAGAAC 3'

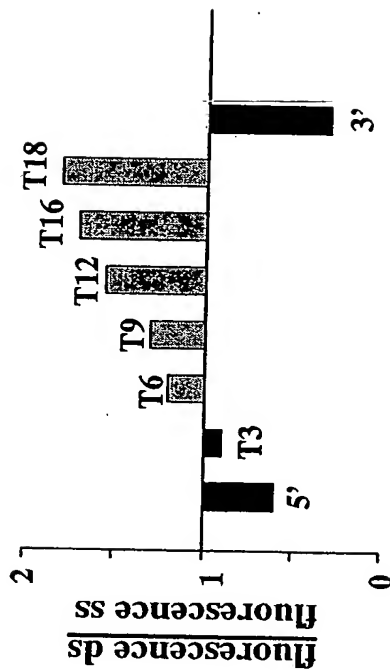


FIG. 37

FIG. 38

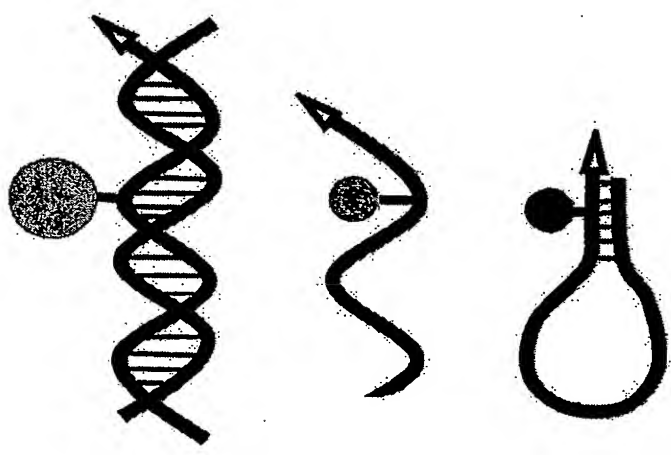


FIG. 38

THIS DATA WAS OBTAINED FROM THE FLUORESCENCE SPECTROSCOPY OF THE POLYMER SOLUTIONS.

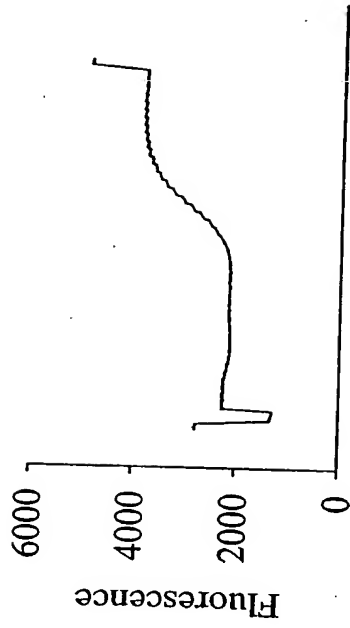


FIG. 39A

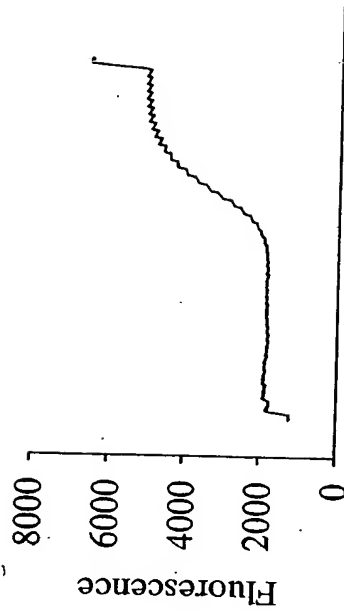


FIG. 39B

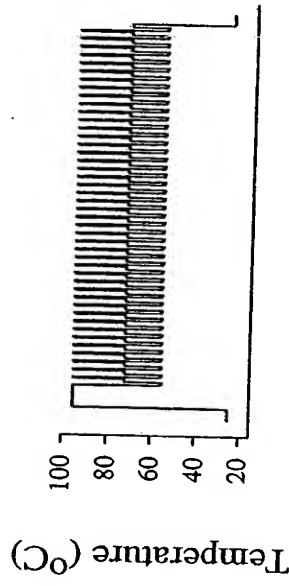


FIG. 39C

Readings

FIG. 36

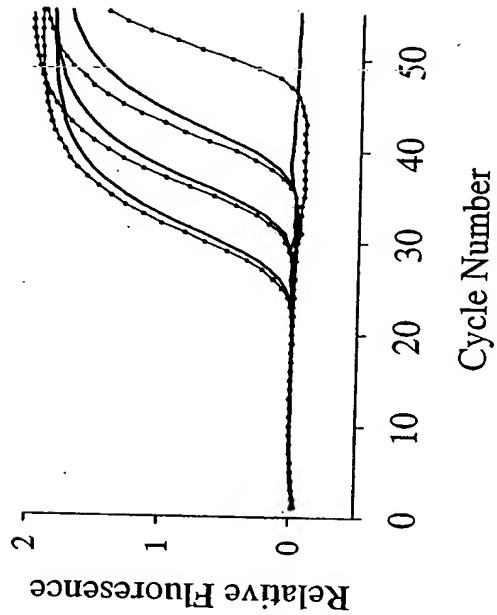


FIG. 40

FIG. 41A

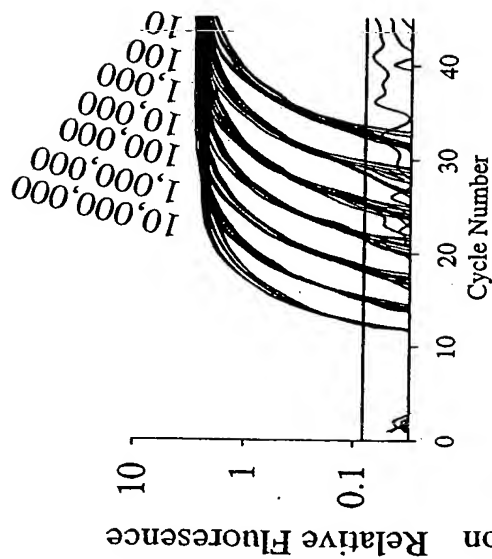


FIG. 41A

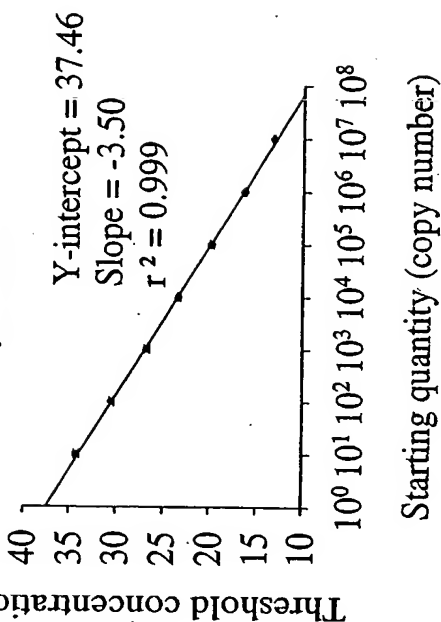


FIG. 41B

FIG. 41

FIG. 42A

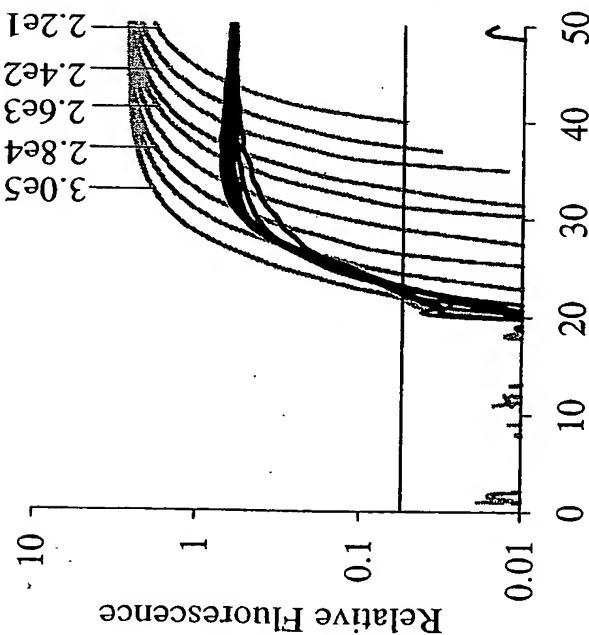
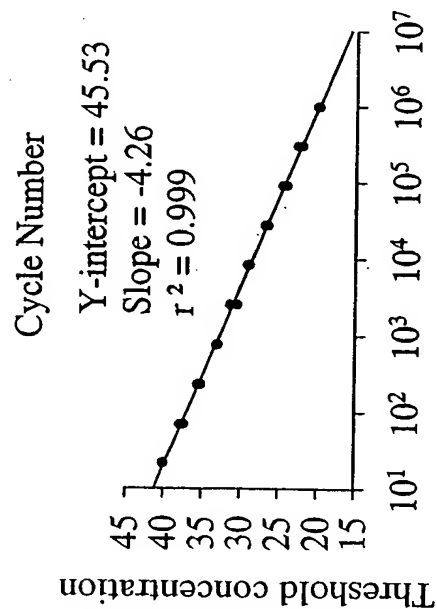
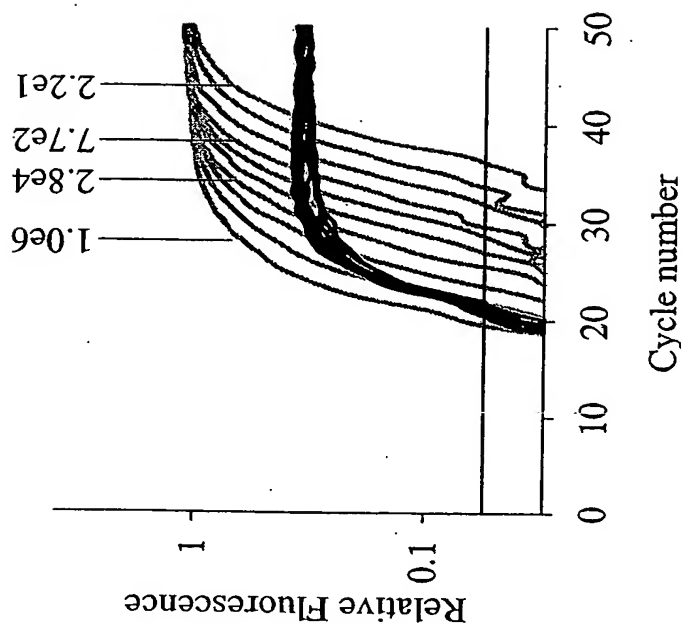
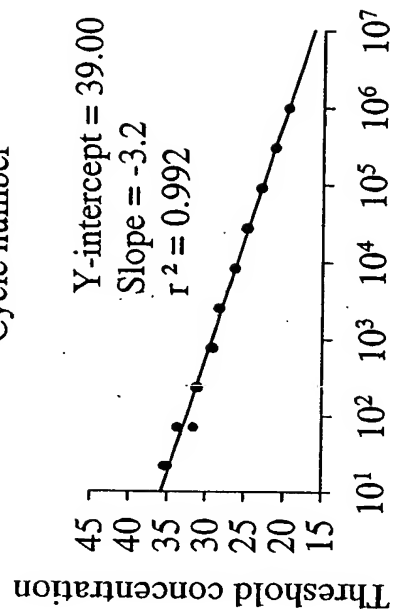


FIG. 42B



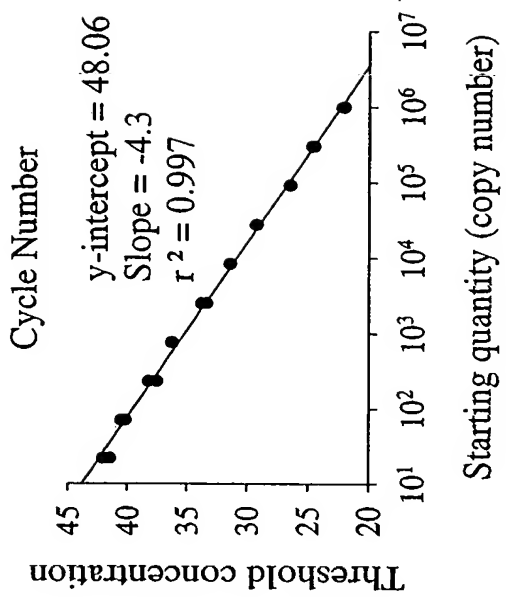
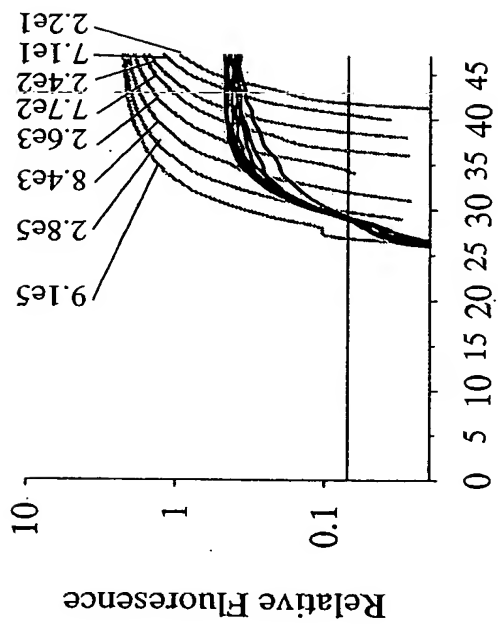
Starting quantity (copy number)

FIG. 42C



Starting concentration (copy number)

FIG. 42D



1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 11000 12000 13000 14000 15000 16000 17000 18000 19000 20000 21000 22000 23000 24000 25000 26000 27000 28000 29000 30000 31000 32000 33000 34000 35000 36000 37000 38000 39000 40000 41000 42000 43000 44000 45000 46000 47000 48000 49000 50000 51000 52000 53000 54000 55000 56000 57000 58000 59000 60000 61000 62000 63000 64000 65000 66000 67000 68000 69000 70000 71000 72000 73000 74000 75000 76000 77000 78000 79000 80000 81000 82000 83000 84000 85000 86000 87000 88000 89000 90000 91000 92000 93000 94000 95000 96000 97000 98000 99000 100000

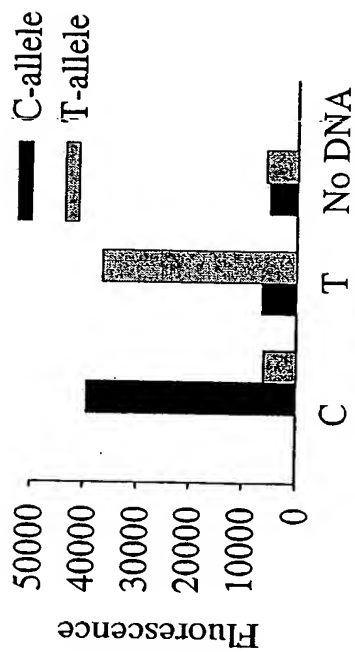


FIG. 44A

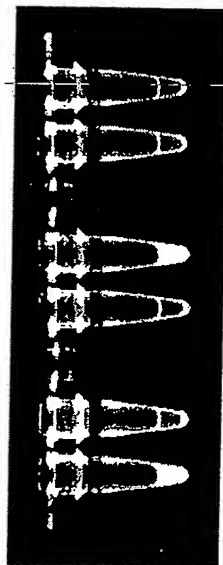


FIG. 44B

a b c d e f

FIG. 45

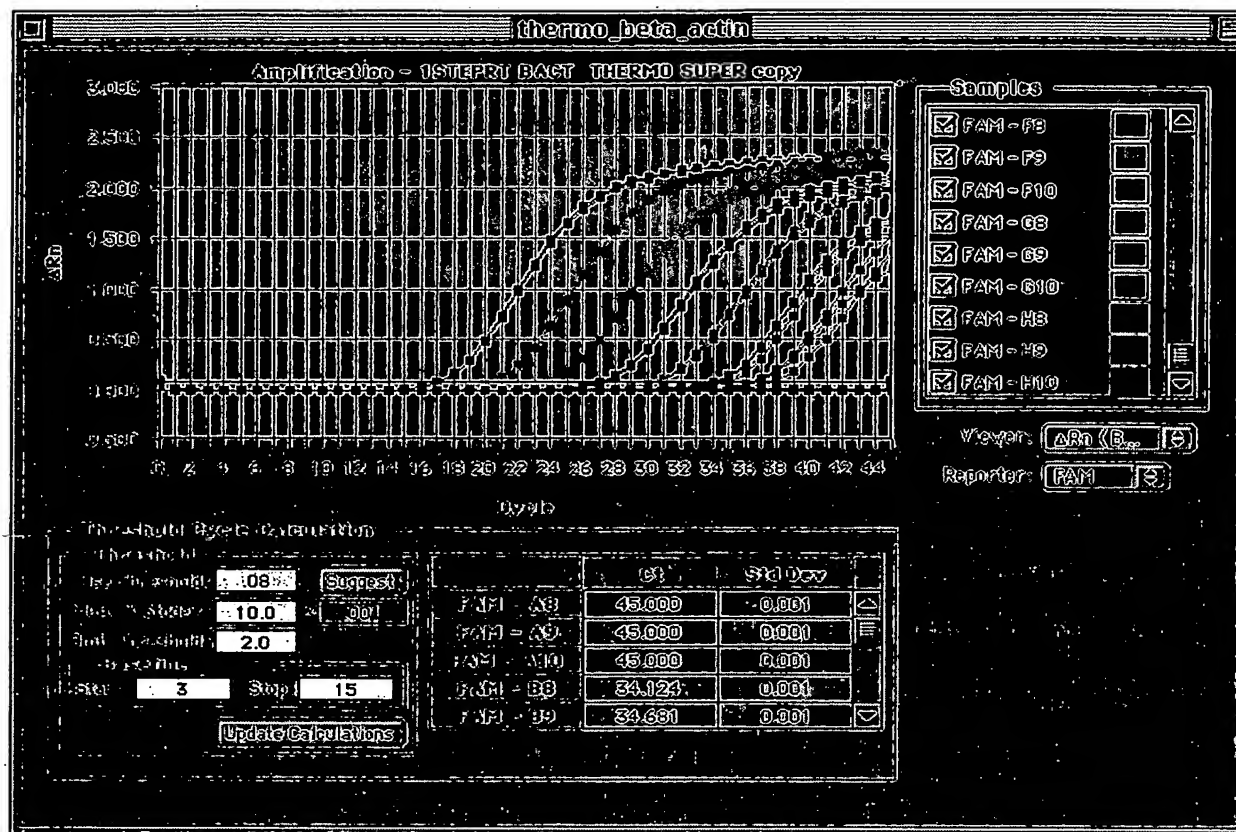


FIG. 46

